

REPAIR KITS

31-09720900

ITEM	QTY	PART NO.	DESCRIPTION
		31-09720900	REPAIR KIT, PRESSURE REGULATOR
4	1	22-09721	SEAL, 2-1/4 X 1-3/4
5	1	22-74204	O-RING, 2-1/4, 2-137-90
6	1	22-74203	BACK-UP RING, 2-1/4, 8-137
8	1	31-09722	VALVE SEAT - PRESSURE REGULATOR
9	1	31-09723	VALVE - PRESSURE REGULATOR
18	1	22-17046	O-RING, 7/8, 2-018-90 (SEE NOTE 3)

31-09720901

ITEM	QTY	PART NO.	DESCRIPTION
		31-09720901	REPAIR KIT, PRESS. REG., VITOL/POLY
4	1	22-09721001	POLYSEAL, 2-1/4 X 1-3/4 X 1/4, POLY-VI 75A
5	1	22-74204001	O-RING, 2-1/4, 2-137-90, VITON
6	1	22-74203001	BACK-UP RING, 2-1/4, 8-137, VITON
8	1	31-09722	VALVE SEAT - PRESS. REGULATOR
9	1	31-09723	VALVE - PRESSURE REGULATOR

31-09720-001 "B"

ITEM	QTY	PART NO.	DESCRIPTION
B		31-09720001	PRESSURE REGULATOR KIT, VITON/POLY
1	12	16-15017	NUT, HEX, 1/2-13 UNC, CADMIUM PLATED
2	12	16-15530	STUD, 1/2 X 9-1/2
4	1	22-09721001	POLYSEAL, 2-1/4 X 1-3/4 X 1/4, POLY-VI 75A
5	1	22-74204001	O-RING, 2-1/4, 2-137-90, VITON
6	1	22-74203001	BACK-UP RING, 2-1/4, 8-137, VITON
7	1	31-09721200	REGULATOR BODY 20,000 PSI WP
10	1	31-09724	RING - PRESSURE REGULATOR
11	1	31-09725	PISTON - PRESSURE REGULATOR
12	1	31-09726	PISTON STOP - PRESS. REGULATOR
13	1	31-09727	CYLINDER - PRESS. REGULATOR
14	1	31-09728	COVER - PRESSURE REGULATOR
15	1	34-02031	ELBOW, 1 F X 3/4 F, PRESS REG 10K WP

31-09720-400

ITEM	QTY	PART NO.	DESCRIPTION
B	1	31-09720001	PRESSURE REGULATOR KIT, VITON/POLY
8	1	31-09722	VALVE SEAT - PRESS. REGULATOR
9	1	31-09723	VALVE - PRESSURE REGULATOR

31-09720 "A"

ITEM	QTY	PART NO.	DESCRIPTION
A		31-09720	PRESSURE REGULATOR KIT
1	12	16-15017	NUT, HEX, 1/2-13 UNC, CADMIUM PLATED
2	12	16-15530	STUD, 1/2 X 9-1/2
3	1	22-09720	DIAPHRAGM - PRESS. REGULATOR
4	1	22-09721	SEAL, 2-1/4 X 1-3/4
5	1	22-74204	O-RING, 2-1/4, 2-137-90
6	1	22-74203	BACK-UP RING, 2-1/4, 8-137
7	1	31-09721200	REGULATOR BODY 20,000 PSI WP
10	1	31-09724	RING - PRESSURE REGULATOR
11	1	31-09725	PISTON - PRESSURE REGULATOR
12	1	31-09726	PISTON STOP - PRESS. REGULATOR
13	1	31-09727	CYLINDER - PRESS. REGULATOR
14	1	31-09728	COVER - PRESSURE REGULATOR
15	1	34-02031	ELBOW, 1 F X 3/4 F, PRES REG 10K WP
16	1	31-41100813	BLEEDER VALVE ASSEMBLY

31-09720-200

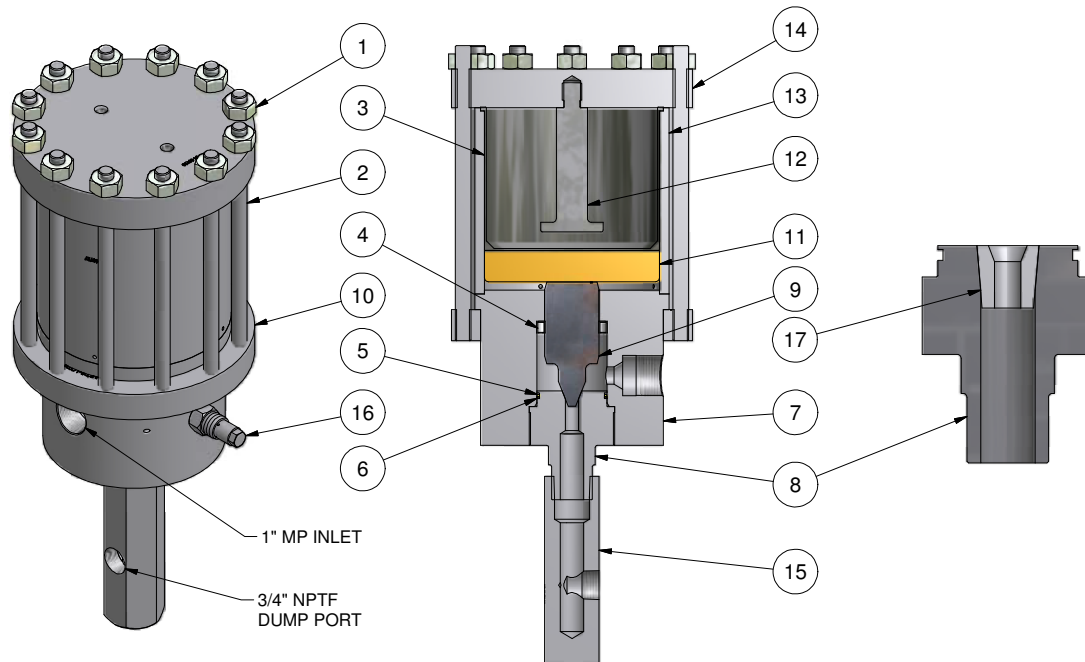
ITEM	QTY	PART NO.	DESCRIPTION
A	1	31-09720	PRESSURE REGULATOR KIT
8	1	31-09722	VALVE SEAT - PRESS. REGULATOR
9	1	31-09723	VALVE - PRESSURE REGULATOR

31-09720-300

ITEM	QTY	PART NO.	DESCRIPTION
A	1	31-09720	PRESSURE REGULATOR KIT
8	1	31-09722001	VALVE SEAT - PRESS. REGULATOR, SS
9	1	31-09723001	VALVE, STAINLESS STEEL REGULATOR
17	1	31-09731	INSERT, STAINLESS STEEL VALVE SEAT

NOTES:

- TEST PROCEDURE:
REMOVE THE VALVE SEAT (ITEM #8)
FILL BLADDER COMPLETEY WITH WATER
AND HYDROSTATIC TEST @ 3000 PSI
DRAIN WATER
REPLACE THE VALVE SEAT
- LUBRICATION INSTRUCTIONS:
APPLY 70% MOLY DISULFIDE GREASE (P/N 13-01516) TO:
A. INSIDE SURFACE OF CYLINDER BORE (ITEM #13)
B. OUTSIDE OF DIAPHRAGM (ITEM #3)
C. OD OF PISTON (ITEM #11)
D. ALL SCREW THREADS
E. O-RINGS
F. INSIDE SURFACES OF RING (ITEM #10)
- ITEM #18 USED WHEN DISCHARGE MANIFOLD IS ATTACHED.



Last revision:
DWG FORMAT UPDATED

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Default Tolerances:
.XXX +/- .005
.XX +/- .010
.X +/- .015

Tolerances and
Practices per
Document:
D98-60001

Weight
LBS

Cage Code
29731

GARDNER DENVER WATER JETTING SYSTEMS INC.
12300 N. Houston Rosslyn, Houston, TX. 77086 (281) 448-5800

Design By:

Drawn:
mer0316

Approve:

Date:
2/16/2011

PRESSURE REGULATOR

DRAWING NO: 31-09720-XXX

Sheet 1 of 1

Revision: 10

Rev. Date: 2/17/2011